

## ACRA ASL SERIES CNC PRECISION LATHES



### DESCRIPTION:

The ACRA ASL Series CNC Precision Lathes Are Superior SLANT BED CNC Turning Centers. It Is Fast And Precise, And It's Standards Meet Or Exceed JIS To Deliver Lasting Quality And Productivity.

The Construction Of This Machine Results In Increased Cutter Life And Superior Finishes. The Heavy Ribbed TORQUE TUBE MEEHANITE Casting Is Designed To Withstand Shock And Torque.

The Integral BOX WAYS Are Hardened To A Minimum Of 58 HRC To At Least 0.050", And Turcite-B Mated Surfaces. The World Class Spindle Cartridge Is Direct Belt Drive And Its Special housing Virtually Eliminated Vibration And Thermal Distortion. The Quick And Rugged Turret Is A Reliable Bi-Directional hydraulic Type With Curvic Coupling To Allow Heavy Cuts. REMOVABLE COOLANT TANK AND STEEL HINGED CHIP CONVEYOR Are Standard Features For Efficient Operation. Live Tool, "C" Axis, Etc. Options Are Available.

### STANDARD ACCESSORIES:

- FANUC 0T Controller
- Main Motor 15 HP
- Hydraulic System
- 3-Jaw Hydraulic Chuck
- Hard Jaw & Soft Jaw (1Set Each)
- Coolant Tank & High Power Coolant System
- Moving Door & Splash Guard
- Work Light
- Vertical 10 Or 12 Stations Turret
- Boring Bar Holder 5 PCS
- Facing Tool Holder 2 PCS
- Boring Bar Socket 1 Set
- Morse Taper 1 Set
- Chip Conveyor & Chip Bucket
- Hydraulic Tailstock, Moving Center MT#4, Moving Center MT#5

### OPTIONAL ACCESSORIES:

- Part Catcher
- V12 Driven Tool System
- Cs Axis Function
- CE Approval Specification
- Transformer
- Vertical 12 Stations Turret (ASL-45/52)

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**ACRA ASL SERIES CNC PRECISION LATHES**

SPECIFICATIONS		ASL-45	ASL-52	ASL-78	ASL-90
<b>CAPACITY</b>	Chuck Size	6"	8"	10" or 12"	12"
	Swing Over Bed	16.5"	16.5"	22.45"	22.45"
	Between Centers	22"	22"	25.54/44.41"	25.54/44.41"
	Max Turning Length	21.65"	21.65"	20.83/40.47"	20.83/40.47"
	Max Turning Dia.	9"	9"	14.93"	14.93"
<b>SPINDLE</b>	Chuck ,Hydraulic	6"	8"	10/12"	12"
	Bar Capacity	1.77"	2.05"	3.05"	3.54"
	RPM	6,000 RPM	4,500 RPM	10" 3,800 / 12" 3000	10" 3,800 / 12" 3000
	Nose	A2-6	A2-6	A2-8	A2-11
	Motor	25 HP	25 HP	35 HP	35 HP
	Front Bearing I.D.	4"	4"	4.72"	4.72"
<b>TURRET</b>	Tool Stations	V10/12	V10/12	V10/12	V10/12
	Type	Bi-Directional Hydraulic, Curvic Coupling			
	Index Speed	0.5 SEC	0.5 SEC	0.5 SEC	0.5 SEC
	Std Tool Size	1" x 1"	1" x 1"	1" x 1"	1" x 1"
	Max Boring Tool	1.5"	1.5"	1.5"	1.5"
<b>AXIS</b>	X Travel	5.5"	5.5"	9.43"	9.43"
	Z Travel	20.83"	20.83"	20.83/40.48"	20.83/40.48"
	X / Z Feedrate	0.04~157 IPM	0.04~157 IPM	0.04~157 IPM	0.04~157 IPM
	X Rapid	630 IPM	630 IPM	472 IPM	472 IPM
	Z Rapid	787 IPM	787 IPM	590 IPM	590 IPM
	Axes Motors X / Z	1.3 HP / 2.8 HP	1.3 HP / 2.8 HP	2.8 HP / 2.8 HP	2.8 HP / 2.8 HP
<b>REPEATABILITY</b>	X Repeatability	± 0.00007"	± 0.00007"	± 0.00007"	± 0.00007"
	Z Repeatability	± 0.0001"	± 0.0001"	± 0.0001"	± 0.0001"
<b>TAILSTOCK</b>	Quill Taper	MT #4	MT #4	MT #5	MT #5
	Quill Diameter	3"	3"	3.93"	3.93"
	Quill Stroke	4"	4"	3.93"	3.93"
	Quill Operation	Programmable			
	Tailstock Travel	22"	22"	17.69/36.54"	17.69/36.54"
<b>OVERVIEW</b>	Ways	Integral Box			
	Net Weight	7,600 LBS	7,600 LBS	16,530 LBS	19,000 LBS
	Power	20 KVA	20 KVA	25 KVA	25 KVA
	Coolant	29 GAL	29 GAL	45 GAL	45 GAL
	Chip Conveyor	Standard, Steel Belt			
	Control	FANUC 0T-C	FANUC 0T-C	FANUC 0T-C	FANUC OI
	Footprint	95" x 87"	95" x 87"	78.6" x 157/177"	78.6" x 157/177"

**NOTE!** The manufacturer reserves the right to modify the design, specifications, & mechanisms to improve the performances of the machines without notice. All specifications above are for your reference only.